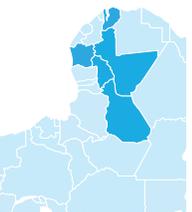


## CANP 1 School EDIMaths: Sub-Saharan Africa (2011)



The pilot program CANP-EDIMaths was successfully held in Bamako, Mali in September at FAST (Faculty of Science and Technology), University of Bamako to build capacity and reinforce mathematical and didactic competencies of mathematics teacher-educators in French-speaking Western Africa. Mathematicians and educators attended from Benin, Burkina Faso, Ivory-Coast, Mali, Niger, Senegal, France and Morocco. Special attention was paid to issues of common interest to educators in the region.

In September 2012 CANP-EDIMaths2 was held in Dakar, Senegal with 75 participants from Mali, Senegal, Burkina Faso, Ivory Coast, Niger and colleagues from Algeria, Canada, France and Mozambique, contributing through lectures and workshops.

CANP-EDIMaths 3 will take place in Burkina Faso in 2015.

### Main outcomes

- 1) Constitution of a network of practice and research for the education of mathematic teachers in the sub-region of Western Africa called EDIMATH and the election of national committee members
- 2) Online publication of the first report of the CANP series entitled: « La formation des enseignants en Afrique sub-saharienne - Cinq études des cas : Burkina Faso, Ivory Coast, Mali, Niger, Senegal ». Project CANP-Mali (2013; English version, 2014)
- 3) Presentation of EDIMaths at the ICMJ Regional Conference EMF 2012 in Geneva, Switzerland.

### Current Projects:

- Organization of a third edition of EDIMaths in Burkina Faso (2015).
- Opening of the EDIMaths network to Anglophone and Lusophone countries of the sub-Saharan region.

## HOW TO GET INVOLVED OR SUPPORT CANP?

Please contact the ICMJ Secretary - General or the ICMJ Administrator if you are interested to get involved with or support CANP:

[icmi.cdcdadministrator@mathunion.org](mailto:icmi.cdcdadministrator@mathunion.org)  
[ICMJ\\_Secretary-General@mathunion.org](mailto:ICMJ_Secretary-General@mathunion.org)

More information can be found at the ICMJ website:

[www.mathunion.org/icmi](http://www.mathunion.org/icmi)  
[www.mathunion.org/icmi/activities/outreach-to-developing-countries/canp-project/](http://www.mathunion.org/icmi/activities/outreach-to-developing-countries/canp-project/)

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# ICMI Capacity and Network Project

## About CANP

The Capacity and Networking Project (CANP) is a development project of the International Commission of Mathematical Instruction (ICMI) supported by the International Mathematical Union (IMU), UNESCO and the International Council of Scientific Unions (ICSU) as well as regional governments and institutions. The project is a response to *Current Challenges in Basic Mathematics Education* (UNESCO, 2011), which includes a call not just for mathematics education for all, but for a mathematics education of *quality* for all.

The workshop is focused on providing teacher-educators in developing countries with enhanced mathematical and pedagogical expertise. Based on the idea that continued updating and development in mathematical knowledge and contemporary pedagogical research and techniques will be the basis for continued collaborative activity.

### Aims of CANP:

- To enhance the mathematical capacity of those educating and training mathematics teachers in developing regions
- To promote and sustain effective networks of mathematicians, mathematics teachers and mathematics teacher-educators in these regions.

### Structure:

Each programme starts with a two-week workshop of 40-50 participants, approximately half of which are drawn from the host country and half from regional neighbours. It is aimed primarily at mathematics teacher-educators but also includes mathematicians, researchers, policy-makers and teachers. Each workshop has associated activities such as public lectures, satellite workshops for students and exhibitions.

## CANP 2 Central America and the Caribbean



On the 6<sup>th</sup>-7<sup>th</sup> August, 2012 in San Jose, Costa Rica the "Escuela seminario internacional Construcción de Capacidades en Matemáticas y Educación Matemática" was held.

The event brought together 67 researchers and educators from Colombia, Panama, Venezuela, Dominican Republic, Spain, Mexico, Cuba and Costa Rica who developed 23 different activities (including conferences, courses, forums and symposia) focusing on important themes in Mathematics and Mathematics Education.

### Main outcomes

The most important result of CANP 2012 Costa Rica was the founding of the Mathematics Education Network of Central America and the Caribbean, which seeks to enhance capacities in Mathematics and Mathematics Education in the region.

More information can be found at: <http://www.redumate.org/>

The first Mathematics Education Congress for Central America and the Caribbean and the General Assembly of the Mathematics Education Network for Central America and the Caribbean, was subsequently held in Santo Domingo, Dominican Republic, November 5<sup>th</sup>-8<sup>th</sup>, 2013.



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## CANP 3 South East Asia



CANP South East Asia was held over two weeks from 14<sup>th</sup>-25<sup>th</sup> of October, 2013 in Phnom Penh, Cambodia. There were 34 participants from Cambodia, Laos, Thailand and Vietnam as well as five facilitators from the region and four from overseas.

### CANP Cambodia Outputs

The Workshop produced three outputs: a regional report, a vision for the future and plans for follow-up activities in 2014. The members from each participating country prepared a report on the state of mathematics education in that country—these are combined into a Regional Report that will be published in the CANP series by the end of 2014.

Participants also produced a *Vision for the Future* document, focusing on secondary mathematics education. This document will be published as Part Two of the Regional Report.

Plans were made to meet at least in October 2014. In addition the infrastructure of a regional network was established and inter-country visits set up.



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## CANP 4 East Africa



The first East African CANP workshop will be held September 1<sup>st</sup>-12<sup>th</sup>, 2014 at the Aga Khan University Institute for Educational Development, East Africa, in Dar es Salaam, Tanzania. More than 50 participants will come from Tanzania, Kenya, Uganda and Rwanda and will include mathematics teacher-educators, teachers, mathematicians and policy-makers.

The project will actively engage the community in Tanzania through media engagement sessions and opportunities for the wider community to participate in mathematical activities (e.g. public lectures and workshops for secondary school teachers).

CANP 4 also aims to create national and regional network of mathematics teacher-educators, collaborating mathematicians, mathematics educators and mathematics policy-makers in East Africa. Strengthening regional and international links between the participants while actively involving policy-makers is an additional aim.

The East African CANP will include a workshop or conference in 2015 in East Africa to ensure continuity and evaluation.



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## CANP 5 Andean Region



CANP 5 will start with a two week intensive course in Lima, Peru on February 1<sup>st</sup>-14<sup>th</sup>, 2016 and will include lectures, workshops and parallel events. More than 50 participants will attend, half from the host country (Peru) and half from three other countries: Bolivia, Ecuador and Paraguay.

The workshop (held in Spanish and English) will consist of different activities (including conferences, courses, forums and symposia) on important theme of Mathematics and Mathematics Education such as:

- Fundamental Mathematics in Primary and Secondary School
- Contemporary Mathematics and Applications
- Mathematics Curriculum in all levels
- Technologies in School Context
- Epistemology of Mathematics
- Elaboration of national reports in the four PBP countries on pre-service and in-service teacher preparation in Mathematics Education

During the event, core topics of mathematics and strategies for addressing them in the classroom will be pursued. The themes will be based on the effective needs of the four countries involved.

The main follow-up of the event will be the constitution of a Mathematics Education Network in the region. Such a network will interact with existing mathematical institutions in Latin America that are interested in improving the status of mathematics teaching in that part of the world.

CANP Peru is currently seeking funding